

# Purchase Order Receipt Listing

Wednesday, May 04, 2016 10:33:15 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO32208 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
<b>Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd</b>											
PO32208	1		M6061T6B1.000X06. f		5/5/2016	5/4/2016	48.0000	\$13.04	0.0000	0	\$625.96
CAD	No		6061T6 BAR 1.00 X 6.00	f	48.0000	PLOU01		\$625.96	0.0000	0	
			m134705								
	2		M6061T6B1.000X12. f	f	5/5/2016	5/4/2016	24.0000	\$25.33	0.0000	0	\$607.84
	No		6061-T6 Bar 1.00 x 12.00	f	24.0000	PLOU01		\$607.84	0.0000	0	
			m134705								
	3		M6061T6B0.750X01. f	f	5/5/2016	5/4/2016	24.0000	\$3.15	0.0000	0	\$75.70
	No		6061-T6 Bar .750 x 1.00	f	24.0000	PLOU01		\$75.70	0.0000	0	
			m134705								
	4		M6061T6B2.000X04. f	f	5/5/2016	5/4/2016	12.0000	\$17.03	0.0000	0	\$204.40
	No		6061T6 Bar 2.00 x 4.00	f	12.0000	PLOU01		\$204.40	0.0000	0	
			m134705								
	5		M6061T6B2.500X04. f	f	5/5/2016	5/4/2016	12.0000	\$23.76	0.0000	0	\$285.09
	No		6061-T6 Bar 2.50 x 4.50	f	12.0000	PLOU01		\$285.09	0.0000	0	
			m134705								
	6		M6061T6B1.500X02. f	f	5/5/2016	5/4/2016	12.0000	\$8.97	0.0000	0	\$107.58
	No		6061-T6 Bar 1.50 x 2.50	f	12.0000	PLOU01		\$107.58	0.0000	0	
			m134705								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO32208	7		71401-45		5/5/2016	5/4/2016	1.0000	\$0.00	0.0000	0	\$0.00
CAD	No		PROCUREMENT QUALITY CLAUSES ml34705		1.0000	PLOU01		\$0.00	0.0000	0	
Total Received Quantity:											133.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,906.58
Total Balance Due Quantity:											0.0000

## B I L L O F L A D I N G

No: VIM 478004

Ship From:  
 THYSSENKRUPP MATERIAUX NA  
 4700 BOIS FRANC  
 ST. LAURENT, QC H4S 1A7  
 Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 04May16 at 8:39 From VFW  
 Probill  
 Via O/T  
 FOB CONCORD  
 Frt PREPAID  
 Route 0- 0 Manifest  
 Vhcle Trailer  
 Slp STAN IVERS (905-532-1350)  
 Sold To: ( 20115)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
 DART AEROSPACE  
 1270 ABERDEEN ST  
 HAWKESBURY, ON K6A 1K7  
 Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-923674- 1 Your PO # 32208  
 ALUMINUM FLAT BAR 6061-T6511

1.00" x 6.00" X 144.0000"

Heat Number

Tag No

Quantity

PCS

Wt LBS

BDLE#1 R301

191721-6

193506

48 FT

4

346

2) Our Order PEC-923674- 2 Your PO # 32208

ALUMINUM FLT BAR ECONOPLT 6061-T6511

1.00" X 12.00" X 144.0000"

Heat Number

Tag No

Quantity

PCS

Wt LBS

BDLE#1

Z00014102

192959

24 FT

2

339

TOTAL:

Tags  
2

PCS  
6

LBS  
685

Heat Number  
 Z00014102

\*\*\* Chemical Analysis \*\*\*

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
 TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1 ....Continued

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
 ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Guillaume Audai

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST#1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

## B I L L O F L A D I N G

No: VIM 478004

Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

Ship Date 04May16 at 8:39 From VFW  
Probill  
Via O/T  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

## B I L L O F L A D I N G

=====

ADDED TO EVERY ORDER.\*\*\*  
\*\*\* POUR VOS BESOINS D'ACIER INOXYDABLE,  
\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*  
\*\*\* FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.  
\*\*\* WE HAVE IT! \*\*\* TEL. 800-926-2600 \*\*\*  
\*\*\*\*\*  
NOS HEURES DE CUEILLETTE SONT DU LUNDI AU VENDREDI  
DE 8H30 A 12H00 ET DE 13H00 A 16H30.  
CUSTOMER PICK-UP HOURS ARE MONDAY TO FRIDAY  
FROM 8:30 AM TO NOON AND 1:00 PM TO 4:30 PM.



Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

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RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLT BAR ECONOPLT 6061-T6511  
1.00" X 12.00" X 144.0000"  
PART NO.

PO/Rel 32208

Nous certifions que le document reproduit ici est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ou les données résultent

## Certificate of Mill Test Results

BL VIM-478004-002

3 May 16

de l'analyse faite par un laboratoire qualifié  
SIGNÉ PAR: LUCY TRUCCIO

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: VIM-635387-1		CUSTOMER PART NUMBER: W73/STK		PRODUCT DESCRIPTION: 1.000 X 12.000 PRECISION WIDE BAR	
KAISER ORDER NUMBER: 6006213	LINE ITEM: 001	SHIP DATE: 04/01/2016	KAISER LOT NUMBER: Z00014102	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1016.000 LB	QUANTITY: 6.000 PCS	B/L NUMBER: 615258	DIAM/DAF/THKNS: 9.99	WIDTH: 9.99	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA			SOLD TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00014102	C001	0001	49.8	45.0	11.7	RE 91	N/A	N/A
Z00014102	0002	0001	49.9	46.6	15.8	RE 91	N/A	N/A
Z00014102	0002	0002	49.2	45.9	14.2	RE 91	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105730	.76	.29	.27	.07	.92	.09	.07	.02	.00	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: C0224519

Kaiser Order Number: 6006213

Line Item: 001



ALUMINUM CORP.

TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

## MILL TEST

BILL TO THYSSENKRUPP MATERIALS, NA	CERT CODE: 9	DIE NUMBER S 4658	DATE OF SHIPMENT Apr/14/2016	EXTRUDEX ORDER NO. 191721 - 6	MANIFEST NO. 347190
SHIP TO THYSSENKRUPP MATERIALS, NA	CUSTOMER PO VIM-635136	ALLOY 6061	TEMPER T6511	SALESMAN HOUSE ACCOUNTS	
SO DESCRIPTION 1"x6" FB	CUSTOMER PART NUMBER 4658-S	PART DESCRIPTION 1"x6" FB			
				CERTIFICATION ASTM B221-14 - AMS QQA 200/8	

## Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Apr/08/2016	42.90	39.80	16.50	86.0, 86.5, 86.3	

## Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
32032	A.11	6061	0.57	0.237	0.187	0.073	0.84	0.058	0	0.011	0.011	0	0	0	0	0	0	0	0	0	0	Remainder

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

Certificate of Mill Test Results

3 May 16  
Pg 1/1

BL VIM-478004-001

de l'analyse faite par un laboratoire qualifié.  
SIGNÉ PAR: LUCY TRUGLIO

Nous certifions que le document reproduit ici est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ou les données résultent

PO/Rel 32208

THYSSENKRUPP MATERIALS NA  
PART AEROSPACE  
ALUMINUM FLAT BAR 6061-T6511  
0.0004 x 0.009 x 0.001



202

B I L L O F L A D I N G

Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

No: VIM 478014  
Ship Date 04May16 at 9:52 From VFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order	PEC-923680-	1 Your PO # 32208
ALUMINUM FLAT BAR 6061-T6511	2.00" x 4.00" X 144.0000"	
Heat Number	Tag No	Quantity
BDLE#1 R308 191723-6	193172	12 FT
		PCS 1
		Wt LBS 113
2) Our Order	PEC-923680-	2 Your PO # 32208
ALUMINUM FLAT BAR 6061-T6511	2.50" x 4.50" X 144.0000"	
Heat Number	Tag No	Quantity
BDE#1 HK261-282	189555	12 FT
		PCS 1
		Wt LBS 158
3) Our Order	PEC-923680-	3 Your PO # 32208
ALUMINUM FLAT BAR 6061-T6511	1.50" x 2.50" X 144.0000"	
Heat Number	Tag No	Quantity
BDE#1 189950-10	191595	12 FT
		PCS 1
		Wt LBS 52
4) Our Order	PEC-923680-	4 Your PO # 32208
ALUMINUM FLAT BAR 6061-T6511	.750" x 1.00" X 144.0000"	
Heat Number	Tag No	Quantity
BDE#1 Z00254114	192299	24 FT
		PCS 2
		Wt LBS 20
TOTAL:		
	Tags 4	PCS 5
		LBS 343

\* SHIP WITH 923674 \*\*\*\*\*

Page: 1 ....Continued

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ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

B I L L O F L A D I N G  
Ship From:  
THYSSENKRUPP MATERIAUX NA  
4700 BOIS FRANC  
ST. LAURENT, QC H4S 1A7  
Tel: 514-337-0161 Fax: 514-745-2968

No: VIM 478014  
Ship Date 04May16 at 9:52 From VFW  
Probill  
Via VIM DELIVERY  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp STAN IVERS (905-532-1350)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

=====

B I L L O F L A D I N G

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

\*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.\*\*\*

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

\*\*\* POUR VOS BESOINS D'ACIER INOXYDABLE,

\*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\*

\*\*\* FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.

\*\*\* WE HAVE IT! \*\*\* TEL. 800-926-2600 \*\*\*

\*\*\*\*\*

NOS HEURES DE CUEILLETTE SONT DU LUNDI AU VENDREDI  
DE 8H30 A 12H00 ET DE 13H00 A 16H30.

CUSTOMER PICK-UP HOURS ARE MONDAY TO FRIDAY

FROM 8:30 AM TO NOON AND 1:00 PM TO 4:30 PM.

Page: 2 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001



# THYSSENKRUPP MATERIALS NA

P.O./R# 32208

ALUMINUM FLAT BAR 6061-T6511  
2.00" X 4.00" X 144.0000"  
PART NO.

Nous certifions que le document reproduit ici est  
une copie conforme du rapport fourni par le  
fournisseur du matériel ou les données résultent

de l'analyse faite par un laboratoire qualifié  
SIGNÉ PAR: LUCY TRUGLIO

BL-VIM47801A-001

3 May 16  
Pg 1/1

## Certificate of Mill Test Results



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

### MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 9	DIE NUMBER S	DATE OF SHIPMENT Apr/07/2016	EXTRUDEX ORDER NO. 191723 - 6	MANIFEST NO. 346691
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO VIM-635137	ALLOY 6061	TEMPER T6511	SALESMAN HOUSE ACCOUNTS	
SO DESCRIPTION 2"x4" FB	CUSTOMER PART NUMBER 12195-S	PART DESCRIPTION 2"x4" FB			
		CERTIFICATION ASTM B221-14 - AMS QQA 200/8			

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Apr/04/2016	47.20	44.10	12.50	90.0, 90.5, 90.0	

### Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
C7331871	A.11	6061	0.58	0.14	0.22	0.01	0.84	0.07	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0

DAS  
14  
9-09 16/05/05

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
2.50" x 4.50" X 144.0000"  
PART NO.

PO/Rel 32208

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## Certificate of Mill Test Results

BL VIM-478014-002

3May16

Pg 1/2

de l'analyse faite par un laboratoire qualifié.  
SIGNÉ PAR: LUCY TRUGLIO

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: VIM-634056-9		CUSTOMER PART NUMBER: B09/STK		PRODUCT DESCRIPTION: 2.500 X 4.500 SC RECT BAR	
KAISER ORDER NUMBER: 6000838	LINE ITEM: 009	SHIP DATE: 01/14/2016	KAISER LOT NUMBER: HK261-282	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 794.000 LB	QUANTITY: 5.000 PCS	B/L NUMBER: 614470	DIAM/DEPTH/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO:  THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA			SOLD TO:  THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA		

### Actual Physical Properties

DAS

14

9-89

16/05/05

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK261-282	0001	0001	52.2	48.6	17.3	RE 96	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.30	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A36471	.67	.35	.25	.10	.96	.07	.04	.02	.00	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/87 UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE,CA) MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

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Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 0C211887

Kaiser Order Number: 6000838

Line Item: 009

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
2.50" x 4.50" X 144.0000"  
PART NO.

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3May16

Pg 2/2

de l'analyse faite par un laboratoire qualifié.  
SIGNÉ PAR: LUCY TRUSCIO

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: VIM-634056-9		CUSTOMER PART NUMBER: B09/STK		PRODUCT DESCRIPTION: 2.500 X 4.500 SC RECT BAR	
KAISER ORDER NUMBER: 6000838	LINE ITEM: 009	SHIP DATE: 01/14/2016	KAISER LOT NUMBER: HK261-285	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 953.000 LB	QUANTITY: 6.000 PCS	B/L NUMBER: 614470	DIAM/DIAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA			SOLD TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK261-285	0001	0001	51.7	47.7	18.1	RE 96	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.60	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A36771	.67	.34	.27	.09	.91	.08	.03	.02	.00	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE,CA) MELTED IN USA  
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00211888

Kaiser Order Number: 6000838

Line Item: 009

# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**  
ALUMINUM PLAT BAR 6061-T6511  
1.50" x 2.50" x 144.0000"  
PART NO.

PO/Ref 32208

Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel ou les données résultent

de l'analyse faite par un laboratoire qualifié  
SIGNE PAR: LUCY TRUGLIO

BL VIM-47804-003

3 May 16  
Pg 1/1

## Certificate of Mill Test Results



TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
http://www.extrudex.com

### MILL TEST

BILL TO THYSSENKRUPP MATERIALS, NA	CERT CODE: 9	DIE NUMBER S	DATE OF SHIPMENT Mar/03/2016	EXTRUDEX ORDER NO. 189950 - 10	MANIFEST NO. 344623
SHIP TO THYSSENKRUPP MATERIALS, NA	CUSTOMER PO VIM-634431	ALLOY 6061	SALESMAN HOUSE ACCOUNTS	MADE IN CANADA	
SO DESCRIPTION 1.5"x2.5" FB	CUSTOMER PART NUMBER 4660-S	TEMPER T6511	HOUSE ACCOUNTS	CERTIFICATION ASTM B221-14 - AMS QQA 2008	

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Feb/29/2016	46.00	42.30	17.40	89.0, 89.5, 89.2	

### Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	II	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
16026731A	A.11	6061	0.54	0.17	0.19	0.02	0.8	0.08	0	0	0.01	0	0	0	0	0	0	0	0	0	0	0

DAS  
14  
9-89  
16/05/04

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale  
Quality Control Manager

1 - CUSTOMER COPY

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
.750" x 1.00" X 144.0000"  
PART NO:

PO/Rel 32208

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fournisseur du matériel ou les données résultent

## Certificate of Mill Test Results

BL VIM 476014-004

3May16

Pg 1/2

de l'analyse faite par un laboratoire qualifié.  
SIGNÉ PAR: LUCY TRUGLIO

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: VIM-634891-5		CUSTOMER PART NUMBER: 370/STK		PRODUCT DESCRIPTION: .750 X 1.000 SC RECT BAR	
KAISER ORDER NUMBER: 6003987	LINE ITEM: 005	SHIP DATE: 03/18/2016	KAISER LOT NUMBER: Z00254114	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1016.000 LB	QUANTITY: 96.000 PCS	B/L NUMBER: 615094	DIAM/DAF/THKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA			SOLD TO: THYSSENKRUPP CANADA 4700 BOIS FRANC ST LAURENT, PQ H4S 1A7 CANADA		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00254114	0001	0001	43.3	38.1	19.3	RE 90	N/A	N/A
Z00254114	0001	0002	43.4	38.3	19.5	RE 90	N/A	N/A
Z00254114	0001	0003	45.6	40.7	17.8	RE 92	N/A	N/A
Z00254114	0001	0004	43.6	38.4	19.8	RE 90	N/A	N/A
Z00254114	0001	0005	45.4	40.6	19.1	RE 91	N/A	N/A
Z00254114	0001	0006	43.8	38.5	20.9	RE 90	N/A	N/A
Z00254114	0001	0007	45.2	40.3	20.1	RE 92	N/A	N/A
Z00254114	0001	0008	45.4	40.5	19.9	RE 92	N/A	N/A
Z00254114	0001	0009	43.2	38.1	20.3	RE 90	N/A	N/A
Z00254114	0001	0010	43.3	38.1	19.6	RE 90	N/A	N/A
Z00254114	0001	0011	43.5	38.4	19.9	RE 90	N/A	N/A
Z00254114	0001	0012	43.2	38.1	20.8	RE 90	N/A	N/A
Z00254114	0001	0013	43.1	38.0	19.8	RE 90	N/A	N/A
Z00254114	0001	0014	43.7	38.6	18.6	RE 91	N/A	N/A
Z00254114	0001	0015	43.8	38.5	19.4	RE 90	N/A	N/A
Z00254114	0001	0016	43.3	38.2	20.5	RE 90	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105987	.59	.27	.21	.10	.85	.07	.04	.02	.00	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II  
conforms to T6-not applicable to other tempers, AMS-QQ-A-200/8A UNS#A96061 (T6511 also

Plant Serial: 00222148

Kaiser Order Number: 6003987

Line Item: 005



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511  
.750" x 1.00" X 144.0000"  
PART NO.

PO/Rel 32208

Nous certifions que le document reproduit ici est  
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fournisseur du matériel ou les données résultent

## Certificate of Mill Test Results

BJL VIM-478014-004

3May16

Pg 2/2

de l'analyse faite par un laboratoire qualifié.  
SIGNE PAR: LUCY TRUGLIO

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

*Best in Class*

### CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY  
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been  
inspected and tested and found in conformance with applicable specifications forming a part of the  
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on  
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00222148

Kaiser Order Number: 6003987

Line Item: 005

Page 2 of 2

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL 1160611631.500X2.50  
DATE 11/05/04

PO / BATCH NO 32208/134705

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12  
QUANTITY INSPECTED 12  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 1.50X2.50  
THICKNESS RECEIVED 1.50X2.50  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>134705</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY _____	SIGNED OFF BY _____		
DATE <u>11/05/04</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6 B 2.500X4.506  
DATE 11/05/05

PO / BATCH NO 32208/134705

MATERIAL CERT REQD yes  
QUANTITY RECEIVED 12'  
QUANTITY INSPECTED 12'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 2.50 X 4.50  
THICKNESS RECEIVED 2.50 X 4.50  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>HK261-282</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<u>M134705</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

*testers located in the Quality Office*

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>11/05/05</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL M16061T6B2.00X4.00  
DATE 16/05/05

PO / BATCH NO 32208/134705

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 12  
QUANTITY INSPECTED 12  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 2.00X4.00  
THICKNESS RECEIVED 2.00X4.00  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	191723-6
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	M134705
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY	<u>DAS</u> <u>14</u> <u>9-89</u>	SIGNED OFF BY	_____
DATE	<u>16/05/05</u>	DATE	_____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL ML6061T6 B0.750X1.00  
DATE 16/05/05

PO / BATCH NO 32208/134705

MATERIAL CERT REC'D yes  
QUANTITY RECEIVED 24'  
QUANTITY INSPECTED 24'  
QUANTITY REJECTED \_\_\_\_\_

THICKNESS ORDERED 750 X 1.000  
THICKNESS RECEIVED 745 X .995  
SHEET SIZE ORDERED \_\_\_\_\_  
SHEET SIZE RECEIVED \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>M134705</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK				
RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

*testers located in the Quality Office*

<b>QC 18 INSPECTION</b>		<b>ENGINEERING SIGNOFF (if required)</b>	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>16/05/05</u>	DATE _____		

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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 46061T681 00x6.00  
 DATE: 16-05-06

PO / BATCH NO.: P032203 / M134705

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 43'  
 QUANTITY INSPECTED: 43'  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.00"  
 THICKNESS RECEIVED: 1.00"  
 SHEET SIZE ORDERED: N/A  
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AMS-QQ-A 200/3
CORRECT REF # TO LINK CERT	(Y) N	191721-6
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>9</u> DATE: <u>16-05-06</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 416061T681.00x12  
DATE: 16-05-06

PO / BATCH NO.: P032208/M134705

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 24  
QUANTITY INSPECTED: 24  
QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.00"  
THICKNESS RECEIVED: 1.00"  
SHEET SIZE ORDERED: N/A  
SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL	(Y) N	
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT MATERIAL	(Y) N	AMS-QQ-A-200 / 0
CORRECT REF # TO LINK CERT	(Y) N	200014102
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>16-05-06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO32208

Purchase Order Date 4/29/2016

PO Print Date 4/29/2016

Page Number 1 of 4

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

E-MAILED

APR 29 2016

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B1.000X06.000	6061T6 BAR 1.00 X 6.00	5/5/2016 Yes 5/5/2016	48.00 f	\$16.36	\$785.49
MATERIAL: 6061-T6/T651/T6510/T6511/T62 QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115 4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASRM B211 OR ASTM B221						
Line Total:						\$785.49
2	M6061T6B1.000X12.000	6061-T6 Bar 1.00 x 12.00	5/5/2016 Yes 5/5/2016	24.00 f	\$31.78	\$762.75
MATERIAL: 6061-T6/T651/T6510/T6511/T62 QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115 4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASRM B211 OR ASTM B221						
Line Total:						\$762.75

PO Instructions: QUOTATION: PEC ST- 922852,  
ST-922744, ST-922384

Note:

4/29/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO32208**

Purchase Order Date 4/29/2016

PO Print Date 4/29/2016

Page Number 2 of 4

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3	* M6061T6B0.750X01.000	6061-T6 Bar .750 x 1.00	5/5/2016	24.00	\$3.96	\$95.00
			Yes	f		
			5/5/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62  
QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115  
4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160  
OR ASRM B211 OR ASTM B221

Line Total: \$95.00

4	M6061T6B2.000X04.000	6061T6 Bar 2.00 x 4.00	5/5/2016	12.00	\$21.38	\$256.50
			Yes	f		
			5/5/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62  
QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115  
4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160  
OR ASRM B211 OR ASTM B221

Line Total: \$256.50

5	M6061T6B2.500X04.500	6061-T6 Bar 2.50 x 4.50	5/5/2016 FN	12.00	\$29.81	\$357.75
			Yes	f		
			5/5/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62  
QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115  
4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160  
OR ASRM B211 OR ASTM B221

PO Instructions: QUOTATION: PEC ST- 922852,  
ST-922744, ST-922384

Note:

4/29/2016

8p16-05-04



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO32208**

Purchase Order Date 4/29/2016

PO Print Date 4/29/2016

Page Number 3 of 4

**Order From :** VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**  
**Vendor Phone** 905 669 9444  
  
**Ship To Contact**  
**Ship To Phone**  
**Ship Via:** VENDOR'S TRUCK  
**Ship Acct:**

**Buyer** Chantal Lavoie  
**Customer POID**  
**Customer Tax #** 10127-2607  
**Terms** Net 30  
**Currency** CAD  
**FOB** FCA - (Free Carrier)

				<b>Line Total:</b>	<b>\$357.75</b>
6	M6061T6B1.500X02.500	6061-T6 Bar 1.50 x 2.50	5/5/2016 Yes 5/5/2016	12.00 f	\$11.25 \$135.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62  
QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115  
4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160  
OR ASRM B211 OR ASTM B221

				<b>Line Total:</b>	<b>\$135.00</b>
7	71401-45	PROCUREMENT QUALITY CLAUSES	5/5/2016 No 5/5/2016	1.00	\$0.00 \$0.00

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

SP16-05-04

**Line Total:** **\$0.00**

**PO Instructions:** QUOTATION: PEC ST- 922852,  
ST-922744, ST-922384

**Note:**

4/29/2016





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO32208**

Purchase Order Date 4/29/2016

PO Print Date 4/29/2016

Page Number 4 of 4

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA – (Free Carrier)

PO Total: \$2,392.49

PO Instructions: QUOTATION: PEC ST- 922852,  
ST-922744, ST-922384

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 1

Change Date: 4/29/2016